

RADM Dick Brooks, USN Commander, Naval Safety Center



Cost and Deaths



NSC FY04 Data: 28 Apr 04



Where Is More Attention Needed?

USN/USMC - The Largest Challenge: Aviation -

Traffic - Recreation

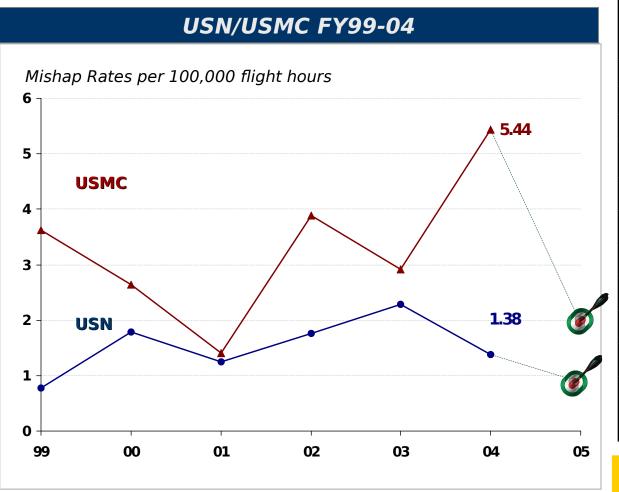
	CO		raffic -	RDA		DEATHS					
	OVERALL	AVIATION	OVERALL	Shore TOT NV	Air MC NV	PMV Afloat NV MC	Shore TOT NV	Ai	r	TION Afloat NV MC	
FY99-03	\$ 3.8B	\$ 3.2B	1,045	585	59 34 161	127 204	141 54	14	16	30 2	27
FY02	\$705M	\$611M	238	140 48 30	17 13	32	33 12	3	6	4 8	3
FY03	\$994M	\$926M	232	119 45 29	8 6	31	32 11	5	4	5 7	7
FY04	\$661M	\$620M	101	56 16 1	5 4 8	13	22 7	2	1	5	7

NSC Data: 03 May 04





Class A Flight Mishap Rates



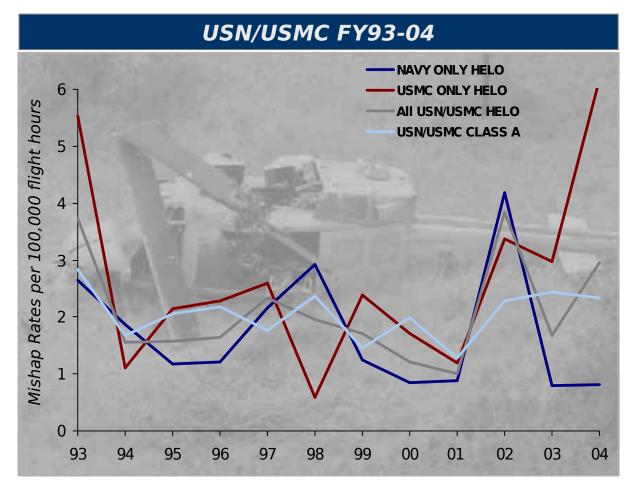
USN/USMC	FY02	FY03	FY04
Total Mishaps	36 21/15	37 26/11	18 8/10
F-18	4/2	9/3	5/2
F-14	3/0	4/0	1/0
EA-6B	1/1	4/0	0/0
S-3	1/0	3/0	0/0
E-2	0	2/0	0/0
Other	7/7	3/5	1/4
UH-1	0/3	0/2	0/2
AH-1	0/1	0/1	0/2
H-53	2/1	1/0	0/0
SH-60	3/0	0/0	1/0

USMC FY05 Goal: 1.94 USN FY05 Goal:





Helo Class-A Flight Mishaps



FY04 HELO MISHAPS

USN 0.84

USMC 6.09

ALL HELO 2.98

ALL CLASS A 2.35

Helo includes V-22

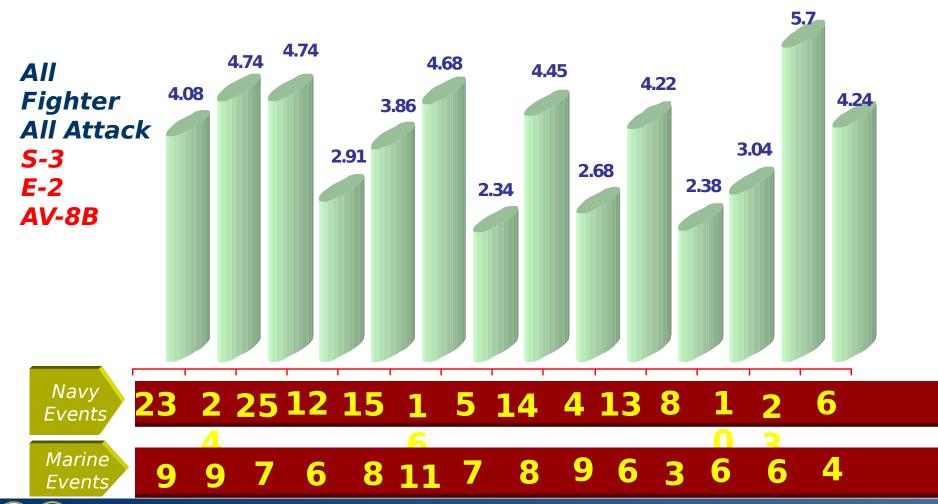
NSC FY04 Data: 28 Apr 04





TACAIR Events/Rates

USN/USMC, FY91-04 Class-A Flight Mishaps

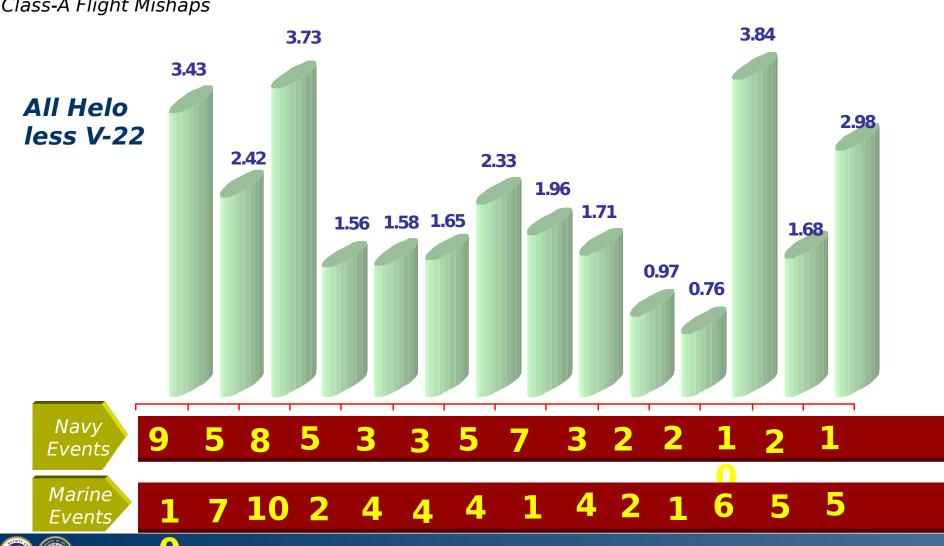






ROTARY Events/Rates

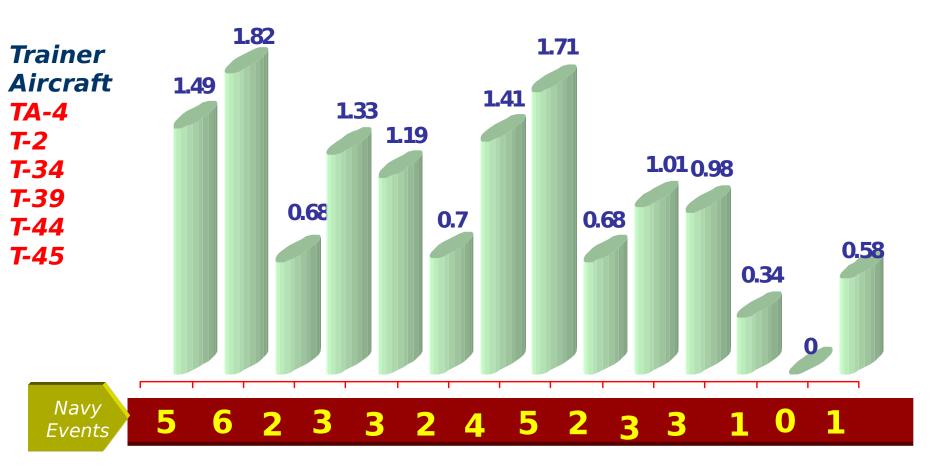






CNATRA Events/Rates

USN/USMC, FY91-04 Class-A Flight Mishaps

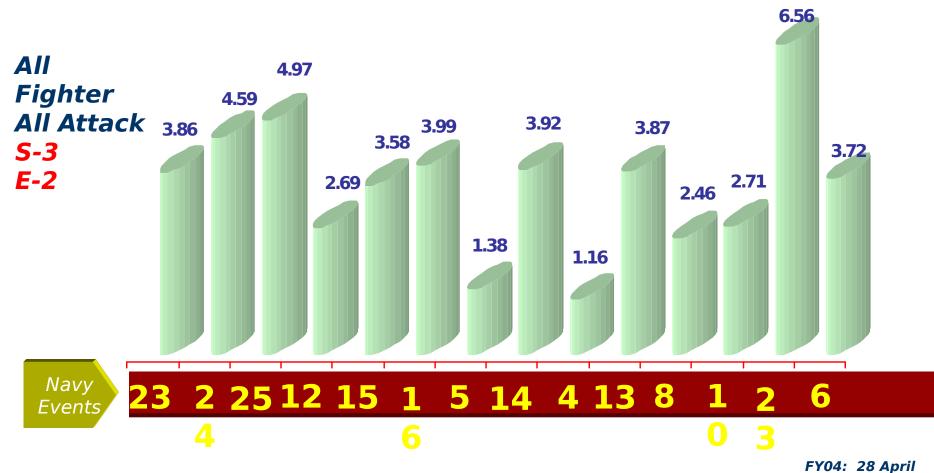


FY04: 28 April



TACAIR Events/Rates

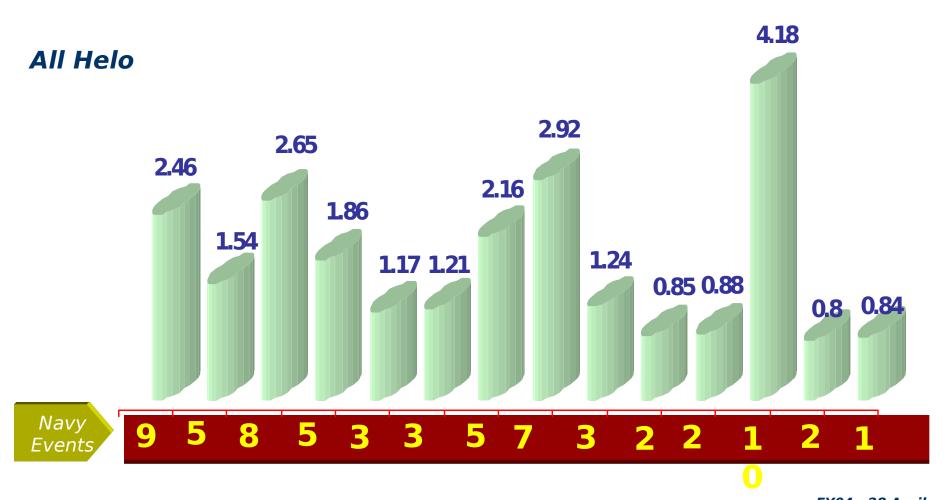
USN FY91-04 Class-A Flight Mishaps





ROTARY Events/Rates

USN FY91-04 Class-A Flight Mishaps



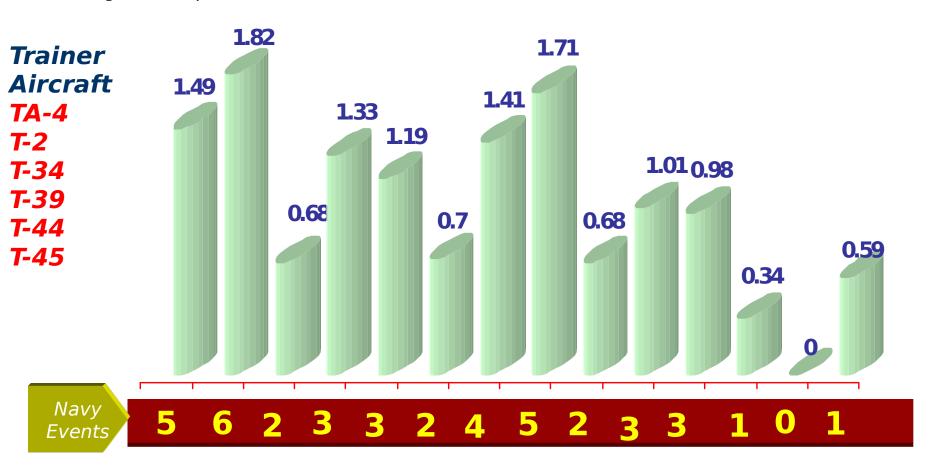






CNATRA Events/Rates

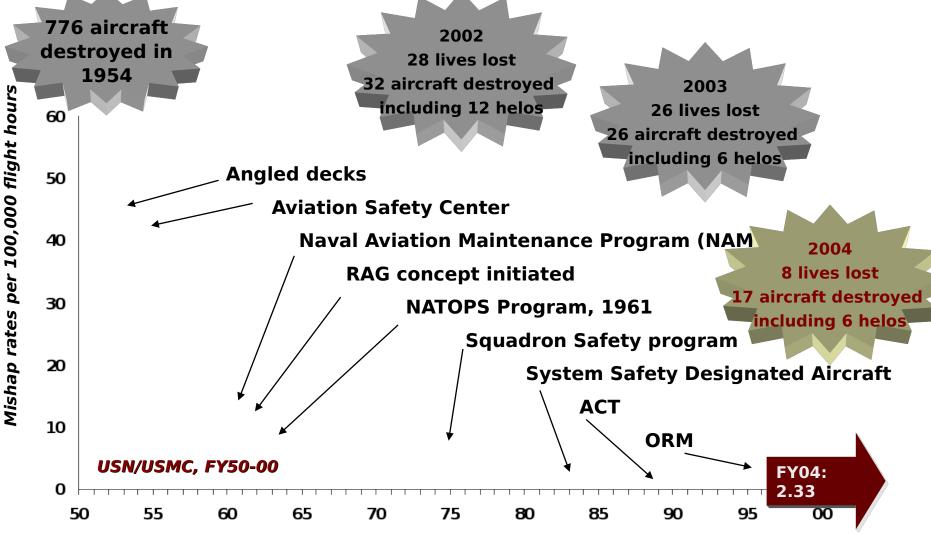
USN FY91-04 Class-A Flight Mishaps



FY04: 28 April



Naval Aviation Mishap History

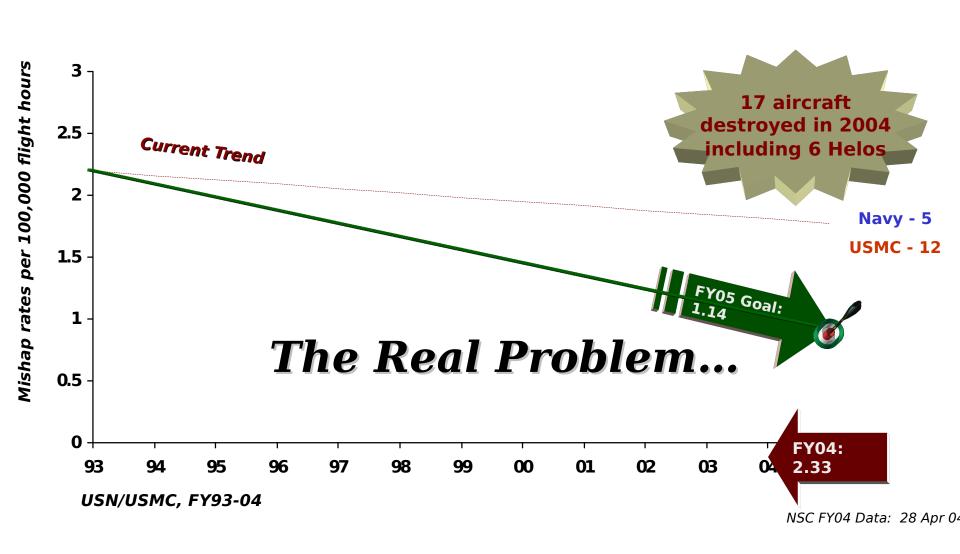


NSC FY04 Data: 28 Apr 04





Naval Aviation Mishap Trend

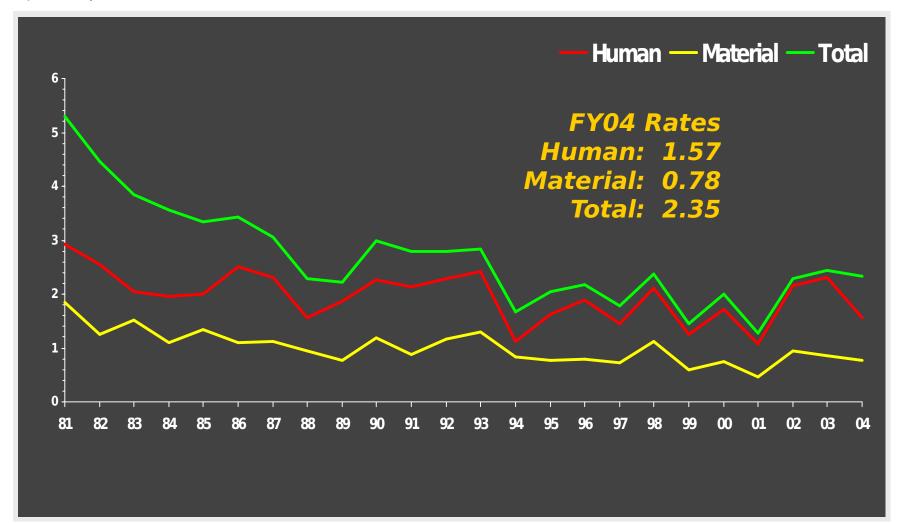






Class-A Flight Mishaps Trend

USN/USMC, FY81-04



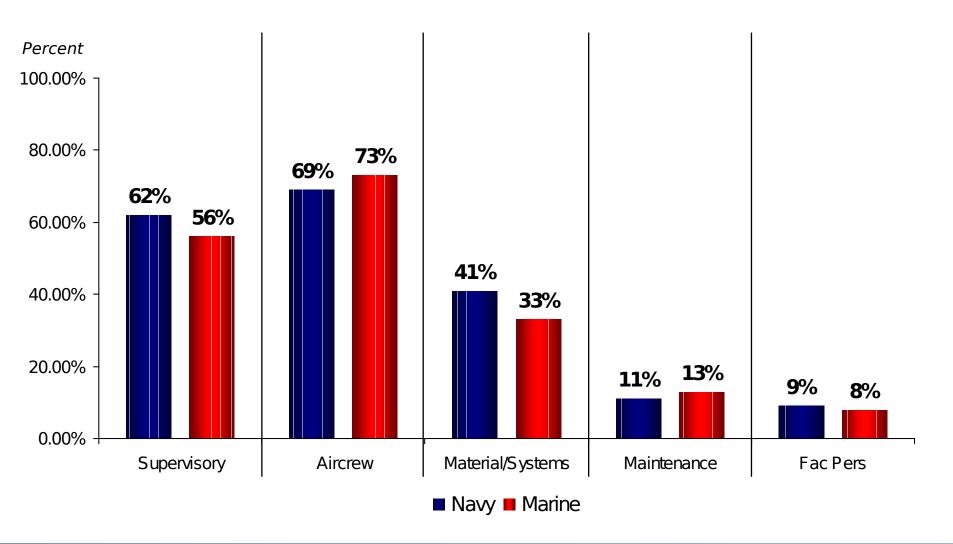
FY02: 30 April





Cause Factors of Aviation Michans

USN/USMC Class-A Flight Mishaps FY99-04





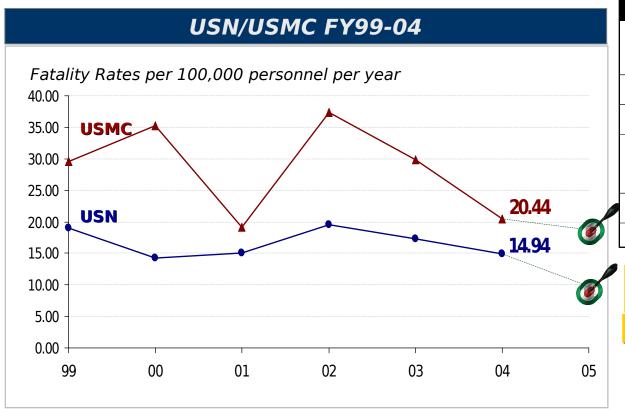
Human Error

N/USMC, FY98-03	Human Error		
No. of Class-			
USN Aviation	119 of 133	HE 89%	Non- HE 11%
USMC Aviation	60 of 69	HE 87%	Non- HE 13%
Navy Afloat	48 of 51	HE 94%	Non- HE
Navy Operational Shore(non-MV)*based on known causes	events with 50 of 56*	HE 89%	6% Non- HE 11%
Navy PMV	328 of 383	HE 86%	Non- HE 14%





PMV Fatality Rates



USN/USMC	FY02	FY03	FY04	
Total PMV Fatalities	140	119	54	
SAILORS	75	66	33	
MARINES	65	53	21	
TOTAL AVIATION	N/MC 13/17	N/MC 6/8	N/MC 4/5	
TOTAL AFLOAT	32	31	11	
TOTAL SHORE	78	74	34	

USMC FY05 Goal: 18.70

USN FY05 Goal: 9.74

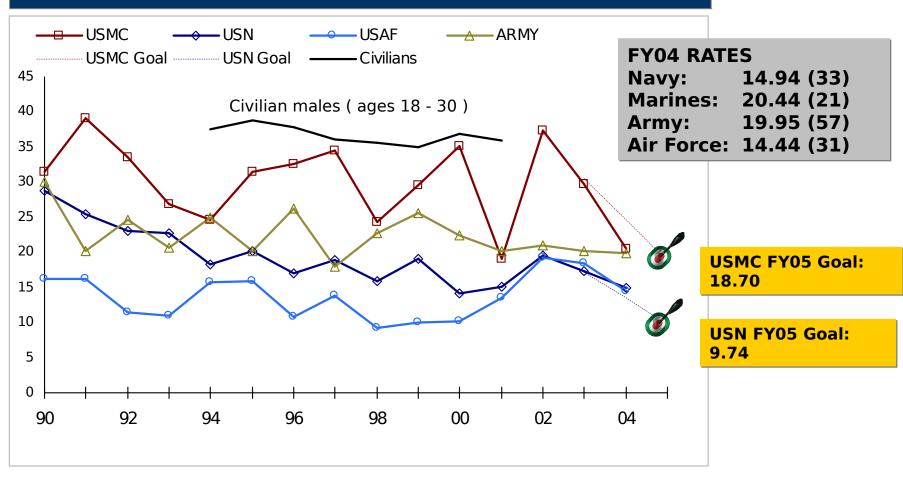
NSC FY04 Data: 28 Apr 04





Traffic Death Rates

All Services FY90-04

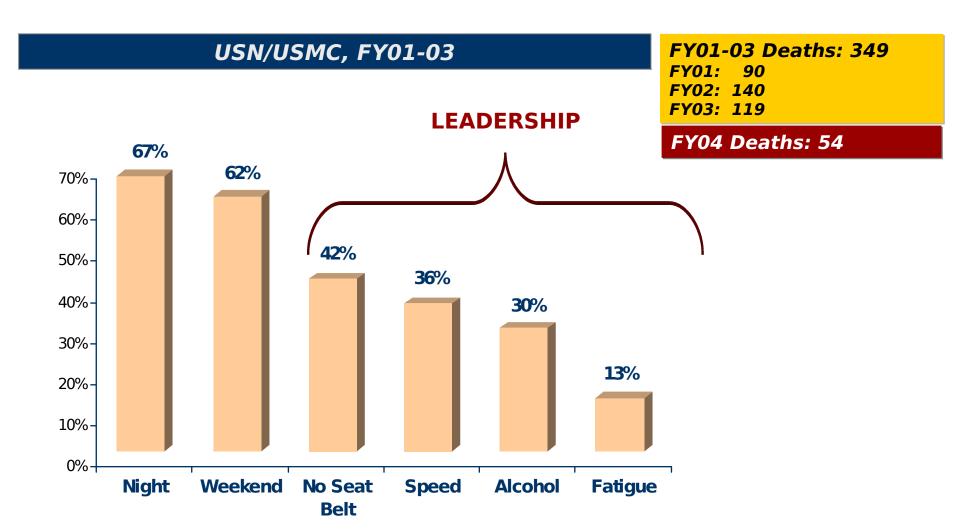


Fatality Rates per 100,000 personnel per year

NSC Data: 28 Apr 04



Factors In Traffic Deaths

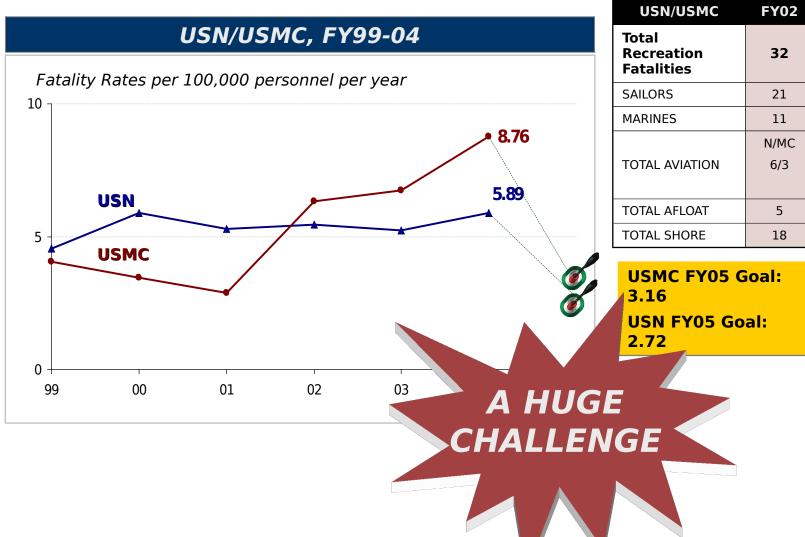


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Recreation Fatality Rates



NSC Data: 28 Apr 04

FY03

32

20

12

N/MC

4/5

5

18

FY04

22

13

9

N/MC

1/2

5

14



QUESTIONS?